CLAIMS

What is claimed is:

1. A method of transporting electronic data for secure storage on an archive server,
comprising the steps of:
providing at least one client workstation having a Web browser running thereon;
accessing the Web browser from the client workstation and logging onto a qualified
Web server;
providing account qualifier data to a software application residing on the Web
server;
obtaining an encryption applet from the software application;
selecting an electronic data file to be encrypted;
encrypting said electronic data file and forming an encrypted data packet;
transferring said encrypted data packet to the archive server; and
destroying the encryption applet.
2. The method of claim 1, wherein the software application residing on the Web

- 2 server is platform-independent.
- 1 3. The method of claim 1, further including the step of compressing the encrypted data packet prior to transferring the encrypted data packet to the archive server.
 - 4. The method of claim 3, wherein the encryption applet includes a compression

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- 2 program to compress the electronic data to form a compressed encrypted data packet.
- 1 5. The method of claim 1, wherein the encryption applet compiled by the software
- 2 application is based on an encryption algorithm, and the encryption algorithm is
- 3 changeable with respect to the software application.
- 1 6. The method of claim 1, further comprising the steps of:
- 2 providing a plurality of encryption algorithms;
- 3 selecting an encryption algorithm; and
- 4 compiling the encryption applet using the selected encryption algorithm.
- The method of claim 6, wherein a user at the client workstation can select the
- 2 encryption algorithm.
- 1 8. The method of claim 1, further including providing a plurality of client
- workstations, wherein at least two of the plurality of client workstations are coupled via a
- 3 network.
- 1 9. The method of claim 8, wherein the archive server is coupled to at least one of the
- 2 plurality of client workstations.
- 1 10. The method of claim 8, wherein the archive server is coupled to the network.

- 1 11. The method of claim 1, further comprising the step of assigning access permission
- 2 to said encrypted data packet, wherein the access permission permits selective access to the
- 3 electronic data files.
- 1 12. The method of claim 11, wherein access permission is assigned to a user having
- 2 designated account qualifier data.
- 1 13. The method of claim 11, wherein said access permission permits hierarchal access
- 2 to an electronic data file by a group of users.
- 1 14. The method of claim 1 wherein the encrypted data packet is transferred from the
- 2 client workstation to the archive server by SSL protocol.
- 1 15. A method of retrieving encrypted electronic data stored on an archive server,
- 2 comprising the steps of:
- providing at least one encrypted data packet on the archive server;
- 4 providing at least one client workstation having a Web browser;
- 5 accessing the Web browser and logging onto a qualified Web server;
- 6 providing account qualifier data to as software application residing on the Web
- 7 server;
- 8 selecting an encrypted data packet to be retrieved from the archive server;

- 9 obtaining a decryption applet from the application based on the original encryption 10 algorithm of the encrypted data packet
- transferring the decryption applet and the encrypted data packet to the client workstation; and
- decrypting said encrypted data packet at the client workstation, whereby the electronic data is available to a user at the client workstation.
- 1 16. The method of claim 15, wherein the account qualifier data corresponds to at least 2 one user.
- 1 17. The method of claim 15, wherein said encrypted data packet is compressed, and said decryption applet includes a decompression program to decompress the encrypted data packet.
- 1 18. The method of claim 15, wherein the software application residing on said Web server is platform-independent.
- 1 19. The method of claim 15, wherein the at least one client workstation comprises a plurality of client workstations.
- 1 20. The method of claim 15, wherein the at least two of the plurality of client workstations are coupled via a network.

- 1 21. The method of claim 15, wherein the archive server is coupled to the at least one client workstation.
- 1 22. The method of claim 20, wherein the archive server is coupled to the network.
- The method of claim 15, wherein access permission is assigned to at least one encrypted data packet, wherein the access permission permits selective access to the
- 3 electronic data files.
- 1 24. The method of claim 15, wherein the encrypted data packet is transferred from the to the archive server to the client workstation by SSL protocol.
- 1 25. A system for secure storage of electronic data on an archive server, comprising:
- 2 a plurality of client workstations, said plurality of client workstations having Web 3 browsers running thereon;
- 4 a platform-independent software application residing on a Web server,
- 5 means for qualifying a authorization user of said software application;
- 6 means for encrypting an electronic file at said client workstations, said means
- 7 comprising an encryption applet compiled by said software application which is
- 8 transmitted to a user at one of said client workstations; said encryption applet operable to
- 9 encrypt the electronic file to create an encrypted data packet;

10	means for transmitting said encrypted data packet to said archive server for secure
11	storage;

- means for retrieving said encrypted data packet from said archive server; and
 means for decrypting said encrypted data packet, said means comprising obtaining a
 decryption applet from said software application, said decryption applet compiled by said
 software application based on the original encryption algorithm.
- 1 26. The system of claim 25, wherein said encryption applet includes a means to compress said encrypted data packet.
- 1 27. The system of claim 25, wherein said encryption applet includes a means to decompress a compressed encrypted data packet.
- The system of claim 25, wherein the software application compiles the encryption applet using an encryption algorithm, and the encryption algorithm is changeable with respect to the application.
- 1 29. The system of claim 25, further comprising a means to select the encryption algorithm.
- 1 30. The system of claim 25, wherein two of the plurality of client workstations are coupled via a network.

- 1 31. The system of claim 25, wherein the archive server is coupled to at least one of the
- 2 plurality of client workstations.
- 1 32. The system of claim 25, wherein the archive server is coupled to the network.
- 1 33. The system of claim 25, wherein access permission is assigned to said encrypted
- data packet, wherein said access permission permits selective access to the electronic data
- 3 files.
- 1 34. The system of claim 33, wherein said access permission is assigned to a user having
- 2 designated account qualifier data.
- 1 35. The system of claim 33, wherein said access permission permits hierarchal access
- 2 to an electronic data file by a group of users.
- 1 36. The system of claim 34, wherein the means for transmitted the encrypted data
- 2 packet from the client workstation to the archive server is by SSL protocol.
- 1 37. The system of claim 25, wherein the means for transmitted the encrypted data
- 2 packet from the archive server is by SSL protocol.
- 1 40. The system according to claim 25, wherein said software application is accessed by
- 2 account qualifier data.